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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>9930/98019 (H27363 US)</b>
INTERNATIONAL APPLICATION NO. <b>PCT/GB2005/000765</b>	INTERNATIONAL FILING DATE <b>March 1, 2005</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>Not yet assigned</b>
<b>10/591188</b>		
TITLE OF INVENTION <b>LIQUID ELECTROLYTE GAS SENSOR COMPRISING RIGID POROUS ELECTRODE SUPPORT</b>		
APPLICANT(S) FOR DO/EO/US <b>Martin Williamson and David O'Grady</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A <del>unexecuted Declaration and Power of Attorney with Correspondence Address</del></p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

BEST AVAILABLE COPY

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U.S. APPLICATION NUMBER (See 37 CFR 1.1)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
Not yet assigned <b>107591188</b>	PCT/GB2005/000765	9930/98019 US (H27363US)

## 20. Other items or information:

Postcard; Certificate of Express Mailing

The following fees have been submitted			CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300			\$ 300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200			\$ 200	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500			\$ 400	
<b>TOTAL OF 21, 22 and 23 =</b>			900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
18 - 100 =	/50 =	0	x \$250	\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	19 - 20 =	0	x \$ 50	\$
Independent claims	3 - 3 =	0	x \$200	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>			900	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				
			<b>SUBTOTAL =</b>	\$ 900
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			+	\$
			<b>TOTAL NATIONAL FEE =</b>	900
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+	\$
			<b>TOTAL FEES ENCLOSED =</b>	900
			Amount to be refunded:	\$
			Amount to be charged	\$

10/591188

IAP5 Rec'd PCT/PTO 30 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a.  A check in the amount of \$ \$900.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0920 A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

John F. Beninati, Esq.  
HONEYWELL INTERNATIONAL, INC.  
101 Columbia Road  
P. O. Box 2245  
Morristown, New Jersey 07962



SIGNATURE

PAUL M. VARGO

NAME

29,116

REGISTRATION NUMBER

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

**10/591188**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"(37 CFR 1.10)**

Applicants in the DO/EO/US: MARTIN WILLIAMSON and DAVID O'GRADY

Serial No.: NOT YET ASSIGNED

Filing Date: August 30, 2006

For: LIQUID ELECTROLYTE GAS SENSOR COMPRISING  
RIGID POROUS ELECTRODE SUPPORT

**This is a U.S. National Phase Filing of International Application  
No. PCT/GB2005/000765, International Application filed March 1, 2005**

I hereby certify that this correspondence and documents identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this 30th day of August, 2006.

**TYPED/PRINTED NAME  
OF PERSON SIGNING: CARL STANLEY**

Carl Stanley  
(Signature of Person Mailing Correspondence)

**EXPRESS MAIL LABEL NO. EV 731142691 US**

**DATE OF DEPOSIT: AUGUST 30, 2006**

**DOCUMENTS ENCLOSED:**

Transmittal Letter to the United States Designated/Elected Office  
(DO/EO/US) Concerning a Submission under 35 U.S.C. 371

Check in the amount of \$ 900.00 to cover the total filing fee

International Application (17 pages); Formal Drawings (1 page) – Figs. 1, 2 and 3; Unexecuted Declaration (3 pages); Unexecuted Power of Attorney with Correspondence Address (2 pages); Data Sheet (2 pages); Preliminary Amendment; Information Disclosure Statement with attached Form 1449 with copies of the foreign documents, and non-patent literature that is International Search Report from PCT/GB2005/000765; Certificate of Express Mailing; Addressed Postage Paid Receipt Postcard